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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Chen, et al.

Serial No.: 10/038,066

Confirmation No.: 5741

Filed:

January 3, 2002

For:

Planarization of Substrates

Using Electrochemical Mechanical Polishing

Group Art Unit: 1742

Examiner:

Harry D. Wilkins, III

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING 37 CFR 1.8

I hereby certify that this correspondence is being deposited on 23/10, 2004 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

_03/0/2ως Date

Signature

Dear Sir:

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The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

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The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

The Commissioner is hereby authorized to charge the sum of \$180.00 due under 37 CFR § 1.17(p) pursuant to § 1.97, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT/5699/BKH.

Respectfully submitted,

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Sheet 1 of 3

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Attorney Docket Number	AMAT/5699/CMP/CMP/RKK
Submission Date	03/10,2004

Examiner Cite No.1			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	INO.	Number-Kind Code ^{2 (if known)}			
	A1	US-6,693,036 B1	02/17/2004	Nogami, et al.	
	A2	US-6,679,929 B2	01/20/2004	Asano, et al.	
	А3	US-6,679,928 B2	01/20/2004	Costas, et al.	
	A4	US-6,676,484 B2	01/13/2004	Chopra	
	A5	US-6,620,215 B2	09/16/2003	Li, et al.	
	A6	US-6,616,976 B2	09/09/2003	Montano, et al.	
	A7	US-6,605,537 B2	08/12/2003	Bian, et al.	
	A8	US-6,602,112 B2	08/05/2003	Tran, et al.	
	A9	US-6,596,638 B1	07/22/2003	Kondo, et al.	
	A10	US-6,593,239 B2	07/15/2003	Kaufman, et al.	
	A11	US-6,565,619 B1	05/20/2003	Asano, et al.	
	A12	US-6,562,719 B2	05/13/2003	Kondo, et al.	
	A13	US-6,551,935 B1	04/22/2003	Sinha, et al.	
	A14	US-6,508,952 B1	01/21/2003	Lee, et al.	
	A15	US-6,455,479 B1	09/24/2002	Sahbari	
	A16	US-6,454,819 B1	09/24/2002	Yano, et al.	
	A17	US-6,447,371 B2	09/10/2002	Brusic Kaufman, et al.	
	A18	US-6,440,295 B1	08/27/2002	Wang	

	FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	5.1		Pages, Columns, Lines,	T⁵	
Initials*	No.¹	Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		
	B1	WO 02/88229 A1	11/07/2002	Dow Global Technologies, Inc.			
	B2	WO 02/23616 A1	03/21/2002	ACM Research, Inc.			
	B3						
	B4						
	B5						

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
 	A19	US-6,440,186 B1	08/27/2002	Sakai, et al.	
	A20	US-6,429,133 B1	08/06/2002	Chopra	
	A21	US-6,428,721 B1	08/06/2002	Ina, et al.	
	A22	US-6,419,554 B2	07/16/2002	Chopra, et al.	
	A23	US-6,395,152 B1	05/28/2002	Wang	
	A24	US-6,391,166 B1	05/21/2002	Wang	
	A25	US-6,375,693 B1	04/23/2002	Cote, et al.	
	A26	US-6,315,803 B1	11/13/2001	Ina, et al.	
	A27	US-6,310,019 B1	10/30/2001	Kakizawa, et al.	
	A28	US-6,303,551 B1	10/16/2001	Li, et al.	
	A29	US-6,303,049 B1	10/16/2001	Lee, et al.	
	A30	US-6,273,786 B1	08/14/2001	Chopra, et al.	
	A31	US-6,258,711 B1	07/10/2001	Laursen	
	A32	US-6,238,592 B1	05/29/2001	Hardy, et al.	
	A33	US-6,218,305 B1	04/17/2001	Hosali, et al.	
	A34	US-6,206,756 B1	03/27/2001	Chopra, et al.	
	A35	US-6,190,237 B1	02/20/2001	Huynh, et al.	
	A36	US-6,171,352 B1	01/09/2001	Lee, et al.	
	A37	US-6,153,043	11/28/2000	Edelstein, et al.	
	A38	US-6,143,656	11/07/2000	Yang, et al.	
	A39	US-6,117,853	09/12/2000	Sakai, et al.	
	A40	US-6,117,783	09/12/2000	Small, et al.	
	A41	US-6,090,239	07/18/2000	Liu, et al.	
	A42	US-6,083,840	07/04/2000	Mravic, et al.	
	A43	US-6,063,306	05/16/2000	Kaufman, et al.	
	A44	US-6,056,864	05/02/2000	Cheung	
	A45	US-6,004,880	12/21/1999	Liu, et al.	

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			U.S. PATENT	DOCUMENTS	
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	A46	US-6,001,730	12/14/1999	Farkas, et al.	
	A47	US-5,897,375	04/27/1999	Watts, et al.	
• •	A48	US-5,880,003	03/09/1999	Hayashi	
	A49	US-5,866,031	02/02/1999	Carpio, et al.	
	A50	US-5,783,489	07/21/1998	Kaufman, et al.	
	A51	US-5,770,095	06/23/1998	Sasaki, et al.	
	A52	US-5,407,526	04/18/1995	Danielson, et al.	
	A53	US-5,391,258	02/21/1995	Branacaleoni, et al.	
	A54	US-5,340,370	08/23/1994	Cadien, et al.	
	A55	US-5,209,816	05/11/1993	Yu, et al.	
	A56	US-5,114,548	05/19/1992	Rhoades	
	A57	US-4,992,135	02/12/1991	Doan	
	A58	US-3,873,512	03/25/1975	Latanision	
	A59	US-2003/0170091 A1	09/11/2003	Shomler, et al.	
	A60	US-2003/0153184 A1	08/14/2003	Wang, et al.	
	A61	US-2003/0136055 A1	07/24/2003	Li, et al.	
	A62	US-2003/0116445 A1	06/26/2003	Sun, et al.	
	A63	US-2003/0083214 A1	05/01/2003	Kakizawa, et al.	
	A64	US-2003/0079416 A1	05/01/2003	Ma, et al.	
	A65	US-2003/0073386 A1	04/17/2003	Ma, et al.	
	A66	US-2002/0139055 A1	10/03/2002	Asano, et al.	
	A67	US-2002/0096659 A1	07/25/2002	Sakai, et al.	
	A68	US-2002/0088709 A1	07/11/2002	Hongo, et al.	
	A69	US-2002/0040100 A1	04/04/2002	Kume, et al.	
	A70	US-2002/0016272 A1	02/07/2002	Kakizawa, et al.	
	A71	US-2002/0008036 A1	01/24/2002	Wang	

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